Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 16 Jan 2023 until 23:59 on Tuesday 17 Jan 2023

Forecast Issued on Monday 16 Jan 2023 at 00:45

Confidence: High for colder weather through the week, but lower for shower details.

Headline for Monday 16 Jan 2023: Cloudy with snow showers at first, quickly clearing to give a bright but cold day. Severe chill effect.

Mountain weather hazards on Monday 16 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
40%	00%	00%	00%	<05%	<05%

Forecast for Monday 16 Jan 2023

Weather: Rather cloudy at first with showers or longer periods of snow pushing south through the early morning, perhaps falling as rain or sleet at very lowest levels. Dry and clear conditions will quickly follow in from the north however. Staying dry through the day with prolonged periods of weak winter sunshine, but feeling very cold.

Chance of cloud-free hill tops above 600m: Initially 30%, becoming virtually 100% through the morning.

Low Cloud and visibility: Moderate visibility initially, falling to very poor in snow showers. Becoming very good or excellent through the morning as clear conditions move in. Extensive cloud early on down to around 400m, before clearing through the morning.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 16 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 N	10/16 N	11/16 NW	11/17 W	10/18 W	9/15 W	9/15 W
300	7/14 N	8/17 N	9/17 NW	6/16 W	7/17 W	3/10 W	5/13 W
Valley	9/18 N	5/16 N	6/13 NW	4/11 W	2/9 NW	2/5 NW	2/5 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-6	-4/-10	-4/-10	-4/-10	-4/-10	-5/-11	-6/-12
300	0/-4	-2/-6	-1/-6	-1/-5	-3/-7	-5/-8	-5/-9
Valley	1/-3	-1/-4	0/-2	1/-1	-2/-5	-3/-6	-4/-6
Freezing Level*	300m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Severe wind chill, particularly at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 16 Jan 2023	7.2mm	18.8mm	26.2mm

Forecast for Tuesday 17 Jan 2023
Weather: Feeling wintery cold and initially cloudy, but remaining largely dry with prolonged periods of weak sunshine. The odd light snow shower may appear across western most areas.

Maximum wind: Northwesterly 15mph or less.

Chance of cloud-free hill tops above 600m: Initially 70%, becoming virtually 100% through the day.

Low Cloud and visibility: Very good or excellent visibility from the tops, after any early cloud down to 500m clears away. Perhaps briefly very poor in any snow showers that appear in the far west.

Temperature: **Valleys:** Minus 5 Celsius increasing to Plus 1 Celsius during the afternoon
At 600m: Minus 7 Celsius
Freezing level: At or near surface

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